

BIELANSKI, Wladyslaw, prof. dr.; BRANNY, Jerzy; RATOMSKI, Aleksander, doc. dr.

Bacterial flora of the semen of rams. Zeszyty problemowe post nauk
roln no.31:89-92 '61.

1. Katedra Zoohigieny, Wyzsza Szkola Rolnicza, Krakow; Kierownik:
prof. dr. Wl. Bielanski i Zaklad Higieny Weterynaryjnej, Krakow:
kierownik: doc. dr. A. Ratomski.

RATOMSKI A.

MIKULASZEK E. and RATOMSKI A. Z Zakl. Mikrob. Akademii Med. Wet. we Lwowie i z P.Z.H. filia Lwow. Dalsze badania nad budowa antygenowa paleczek grupy Salmonella The antigenic composition of Salmonella bacteria group B Medycyna Doswiadczalna i Spoieczna, Warsaw 1948, 25/1-2 (65-88) Tables 9

Avoiding heat and strongly acting chemical substances, it is possible to obtain from Salmonella bacteria, group B, polysaccharide preparations with little or no damage to their immunological properties; fractionation with alcohol yields two fractions: the first are strongly toxic and have the properties of precipitationogens and agglutinogens with a specificity corresponding to the somatic antigen IV; they contain also, if derived from strains with factor V, the partial somatic antigen V and a heterophile antigen of Forssman type; the second fractions contain no partial antigens and are non-toxic. In the first fraction, flocculation in low concentrations of alcohol causes acid deproteinization; by heat, only loss of toxicity; hydrolysis by alkali destroys simultaneously the toxic properties and the partial antigens (V and Forssman-type). The second fraction, precipitating in high concentrations of alcohol have, irrespective of the methods employed, identical properties: they are non-toxic, less active than haptens in the complement fixation test, and finally contain no partial antigens.

Kurylowicz - Warsaw

SO: Medical Microbiology and Hygiene, Section IV, No 1-6

K. Ratowski
KOCOWICZ, I.; RATOMSKI, A. WISNIOWSKI, J.

Complications following vaccination of dogs against rabies. Med.
dosw. mikrob., Warsz. 4 no. 3:373-375 1952. (CML 23:3)

1. Summary of work progress presented at 11th Congress of Polish
Microbiologists held in Krakow May 1951. 2. Krakow.

KOCOWICZ, I.; RATOMSKI, A.; WISNIOWSKI, J.

Diagnostic value of complement fixation reaction in brucellosis in
in cattle. Med. dosw. mikrob. 5 no.3:308 1953. (GLML 25:5)

1. Krakow.

EPIDEMIOLOGY

POLAND

RATOMSKI, Aleksander [Affiliation not shown], Krakow

"Occurrence of Animal Rabies in the Krakow and Rzeszow Wojewodztwos From 1946 to 1964"

Lublin, Medycyna Weterynaryjna, Vol 22, No 9, Sep 1966; p. 529-530

Abstract: Rabies in the Krakow and Rzeszow Wojewodztwos is less widespread than it was formerly, but still a great potential danger. The numbers of dogs and cats affected by rabies and that had to be destroyed during 1929 to 1964 are tabulated; and of persons succumbing to rabies in various years, as well as vaccination figures. 3 tables.

DEGA, Wiktor; RATOMSKI, Roman; BERNARDCZYK, Karol

Results of the treatment of congenital hip dislocation with the aid of Frejka's pillow. Acta chir. orthop. traum. cech. 27 no.2:182-187 1960

1. Z Kliniki Ortopedycznej A.M. Poznan - Polska, Dyrektor: Prof. Dr. W. Dega.

(HIP fract. & disloc.)

BERNA CZEYK, Karol; BAUSZCZYNSKI, Janusz; KADOMSKI, Roman

Dysplasia epiphysealis multiplex. Chir. narz. ruchu 22 no.1:7-15
1957.

1. z Kliniki Ortopedycznej A. M. w Poznaniu. Kierownik: prof dr
W. Dąb. Adres autorów: Poznań, ul. Dzierżyńskiego 135.

(EPH, abnorm.

dysplazja epiphysealis multiplex (Pol))

RATOMSKI, Roman

Radiographic evaluation of the acetabular roof restoration of the hip joint in the course of treatment by gradual abduction. Chir. narzad. ruchu ortop. Pol. 20 no.4:367-374 '65.

1. Z Kliniki Ortopedycznej AM w Poznaniu (Kierownik: prof. dr. W. Dega).

MYSLIBORSKI, Tadeusz; RATOMSKI, Roman; BERNARDZYK, Karol

Results of early conservative therapy of congenital dislocation of the hip. Chir.narz.ruch 24 no.3:205-215 '59.

1. Z Kliniki Ortopedycznej AM w Poznaniu. Kierownik: prof.dr W.Dega.
(HIP fract.& disloc.)

JESKE, Witold; RATOMSKI, Roman

Surgical treatment of recurrent dislocation of the shoulder.
Chir. nars. ruchu 21 no.1:51-58 1956.

1. Z Kliniki Ortopedycznej A. M. w Poznaniu, Kierownik: prof.
dr. W. Dega, Poznan, ul. Dziersynskiego 135/147.
(SHOULDER, disloc.

recur., surg. (Pol))

(DISLOCATIONS,

shoulder, recur., surg. (Pol))

KROL, Jerzy; RATOMSKI, Roman; NADOISKI, Zbigniew; KABSCH, Aleksander

Importance of compensation in scoliosis. Chir. narys. ruchu 22 no.2:
215-219 1957.

1. Z Kliniki Ortopedycznej A. M. w Poznaniu Kierownik: prof. dr
W. Dega Poznan, ul. Dzierzynskiego 135.

(SCOLIOSIS,

anat. compensation & correction (Pol))

RATOTI, Beno, dr.; TOTH, Attila

Making fair copies of geographical maps. Geod kart 15 no.6:443-
449 '63.

RATOTI, Beno, dr.; TOTH, Attila

Technology of geographical mapmaking in Hungary. Geod kart
15 no.3:194-199 '63.

RATOTI, Beno, dr.

Visit of Professor Dr. Erwin Raisz to Hungary. Foldrajzi ert 12 no.3:
450-452 '63.

BAZHANT', V. [Bažant, V.], laureat Gosudarstvennoy premii; KIVALOVSKI, V.
[Chvalovský, V.], laureat Gosudarstvennoy premii; RATOUSKI, I.
[Rathouský, J.], laureat Gosudarstvennoy premii; VAYNSHTEYN, Yu.I.
[translator]; STAMKO, V.I. [translator]; PAKHOMOV, V.I., red.;
ZAZUL'SKAYA, V.F., tekhn.red.

[Silicones; organosilicon compounds, their production, properties,
and uses] Silikony; kremniorganicheskie soedinenia, ikh polu-
chenie, svoistva i primeneniye. Moskva, Gos.nauchno-tekhn.isd-vo
khim.lit-ry, 1960. 709 p. Translated from the Czech.
(Silicon organic compounds) (MIRA 14:4)

RATOV, A. (Orel)

Oscillographs manufactured in schools on the market. IUn.tekh.
7 no.9:40-43 S '62. (MIRA 16:6)
(Students activities)

LAPSHIN, N.P.; CHELNOKOVA, L.M., inzhener; YEFIMOV, A.A., nachal'nik len-
techno-rovnichnogo tsekha; STERIN, L.I.; RATOY, N.S.; NOVIKOV, N.V.;
KABANOVA, Ye.V.; BASHKER, A.P.; KLEYENKINA, L.G.; IVANOV, N.Ye.;
YUSHAKOV, A.N., inzhener.

Readers' efficiency suggestions. Tekst.prom.17 no.1:37-43 Ja '57.
(MLRA 10:2)

1. Fabrika "Krasnaya Talka (for Chelnokova). 2. Prepodavatel'
Morskanskogo tekstil'nogo tekhnika (for Sterin). 3. Nachal'-
nik otdel'nogo tsekha Shuyskoy ob'yedinennoy fabriki (for Iva-
nov).

(Textile industry)

OBOLENTSEV, R.D.; RATOVSAYA, A.A.; TIMOFEYEV, V.D.

Sulfide sulfur in some crude oils of Bashkiria. Khim.sera-i azotorg.
soed.sod.v neft.i nefteprod. 3:167-172 .1960. (..IRA 14:6)

1. Bashkirskiy filial AN SSSR, Otdel khimii.
(Bashkiria—Petroleum—Analysis) (Sulfur—Analysis)
(Sulfide)

RATOVSKAYA, A.A.

OBOLENTSEV, R.D.; AYVAZOV, B.V.; RATOVSKAYA, A.A.

Polarographic determination of elemental sulfur in petroleum and petroleum products. Zhur. anal. khim. 12 no.1:134-138 Ja-P '57. (MLBA 10:4)

1. Otdel khimii Bashkirskogo filiala Akademii nauk SSSR.
(Petroleum) (Sulfur)

RATOVSKAYA, A.A.

✓ Polarographic determination of elemental sulfur in petroleum and its products. R. D. Obolentsev, N. V. Afrazov, and A. A. Ratovskaya (Dept. Chem., Bashkir Branch Acad. Sci. U.S.S.R., Ufa). Zhur. Anal. Khim. 12, 134-8 (1967). — S was detd. polarographically in several petroleum fractions. The curves obtained showed that the potential at which reduction of S begins depends on its concn. and generally was, -0.6 to -0.7 v. The max. also depended on the concn. and was at -0.8 to -1.3 v. Within definite concn. limits the height of the polarographic wave was directly proportional to concn. When the height of the wave (I_s) is defined as the distance between the abscissa and the min. on the curve, the 175-200° fraction follows the equation $I_s = 317c$, the 200-275° fraction $I_s = 173c$, and the 300-340° fraction $I_s = 142c$, where c is the S concn. in wt. %. Mercaptans interfered with the detn. but aliphatic sulfides and disulfides did not. M. Hosh

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4E3d

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117 AND 118 (2013)

PROCESS AND PROPERTIES INDEX

119 AND 120 (2013)

12-2-5

Acid hydrolysis of cellulose acetate. D. M. Fawcett and M. H. Rammensee, (Revised), *Chem. Tens. From S.A.S.S.*, Longwood, Pasadena, 1956, 1, 116-122).—The ordinary methods of determining the acidity of cellulose acetate are unsatisfactory. The loss in wt. on heating to 100° and the AcOH given off are best determined. The latter usually accounts for all the acidity, but H₂SO₄ may be present. Absorbed acid catalyzes hydrolysis. The ester can be stabilized by removing carbon H₂O by drying at 100°, or by extraction with aq. NaOH. The latter also removes 50-60% of the AcOH. Hydrophobic plasticizers are also good stabilizers. (Ch. Ann. (c))

550-140 METALLURGICAL LITERATURE CLASSIFICATION

ROOM 170101104

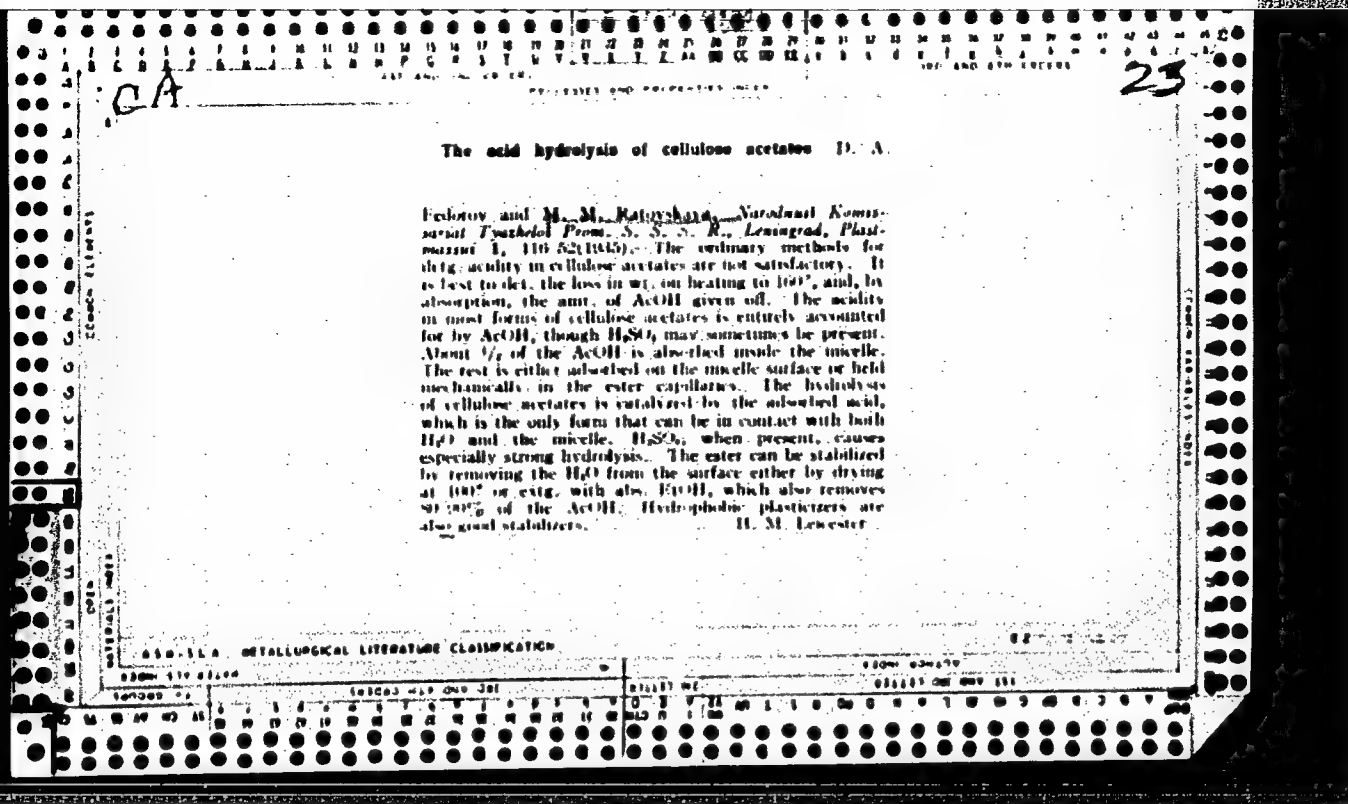
657-270-34171

657-270-34171

CA THE ACID HYDROLYSIS OF CELLULOSE ACETATES. D. A.

23

Levashov and M. M. Ratushnyy, *Northeast American Journal of Chemistry*, N. Y. N. Y., *Chemical Abstracts* 1, 110,521(1955). The ordinary methods for determining acidity in cellulose acetates are not satisfactory. It is best to determine the loss in wt. on heating to 100°, and, by absorption, the amt. of AcOH given off. The acidity in most forms of cellulose acetates is entirely accounted for by AcOH, though H₂SO₄ may sometimes be present. About 2% of the AcOH is absorbed in the micelle. The rest is either adsorbed on the micelle surface or held mechanically in the ester capillaries. The hydrolysis of cellulose acetates is catalyzed by the adsorbed acid, which is the only form that can be in contact with both H₂O and the micelle. H₂SO₄, when present, causes especially strong hydrolysis. The ester can be stabilized by removing the H₂O from the surface either by drying at 100° or extg. with abs. EtOH, which also removes 80-100% of the AcOH. Hydrophobic plasticizers are also good stabilizers. H. M. Leicester



KOCOWICZ, I.; RATOMSKI, A.; WISNIOWSKI, J. (Krakow)

On the possibilities of distinguishing cattle infected by brucellosis from cattle vaccinated with Buck-19 on the basis of the complement fixation combined with agglutination tests. Roczn. nauk roln. wet. 70 no.1/4:216-218 '60. (EEAI 10:9)

(Brucellosis) (Cattle) (Immunity) (Complement fixation)
(Agglutination)

LEGEZYNSKI, Stanislaw; RATOMSKI, Aleksander

Relation of preservation time to immunizing value of rabies vaccine
of the Polish Institute of Veterinary Medicine. Med. doz. mikrob.
9 no.4:395-401 1957.

1. Z Zakładu Mikrobiologii Lekarskiej A. M. w Białymstoku. Kierownik:
prof. S. Legezynski i Woj. Zakładu Higieny Weterynaryjnej w Krakowie.
Kierownik: doc. A. Ratomski.

(RABIES, immunology,

vaccine, relation of preserv. time to immun. value (Pol))

RATOMSKI, Roman; PISKORSKI, Zdzislaw; GLOWINSKA, Danuta

Effect of "ossulvit" on the content of calcium and phosphorus in the blood serum during the treatment of delayed bone union and false joints. Chir. narzad. ruchu ortop. pol. 28 no.1: 45-50 '63.

1. Z Kliniki Ortopedycznej AM w Poznaniu Kierownik: prof. dr W. Dega.

(FRACTURES, UNUNITED) (PSEUDARTHROSIS)
(CALCIUM) (PHOSPHORUS) (ORGANOTHERAPY)
(BONE AND BONES) (BLOOD)

RATOTI, Beno

"Geomorphology with the fundamentals of geology" by V. V. Petrovskiy. Reviewed by Beno Ratoti. Geod kart 14 no.3: 213 '62.

RATOTI, Beno, dr.

Examination of some interesting relief forms in the flood area
of the Risa River. Foldrajzi ert 13 no.2:205-212 '64.

"Glossary of geographical terms" by M. Rudny T. and. Reviewed
by Beno RATOTI. Foldr koi. 11 no. 4:257-258 '63.

10-10-64, 10-10-64.

...data on the natural elevation of the surface along the
...road, Foldrafi art. 13 no. 1:109-112 '64.

RATOTI, Beno, dr.

Hydrogeological works in the Panamerican Institute. Good kart
16 no. 1: 63 '64.

RATOTI, Bene, dr.; SZILADI, Jozsef

"Physical geographical mapping" by A.G. Iszacsenko [Izachenko, A.G.]
Vol. 1-3. Reviewed by Beno Ratoti and Jozsef Sziladi. Geol kart 15
no.2:142-144 '63.

RATOV, A.

The driver is sixteen years of age; a society with three thousand teenager members. IUn.tekh. 7 no.11:20-21 N '62. (MIRA 15:12)

1. Spetsial'nyy korrespondent zhurnala "Yunnyy tekhnika".
(Orlov Province--Automobile drivers)

IOFA, B.Z.; BOBROV, L.V.; RATOY, A.H.

Certain properties of carrier-free radioactive lanthanum
and bismuth in water-dioxane solutions. Radiokhimiya 1
no.6:674-678 '59. (MIRA 13:4)
(Lanthanum--Isotopes) (Bismuth--Isotopes)
(Dioxane)

SAZONOV, I.A.; IL'IN, A.N.; KATOVA, T.G.

gadolin isotope exchange over neodymium oxide in various
crystalline forms. Kin. i kat. 6 no. 5:836-841 S-O '65.

(MIRA 18:11)

1. Institut kataliza Sibirskogo otdeleniya AN SSSR.

21(6) 5(0)

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L 8491-66 ENT(m)/ENP(t)/ENP(b) DIAAP/IJP(c) JD/JG

ACC NR: AP5026473

SOURCE CODE: UR/0195/65/006/005/0836/0841

AUTHOR: Sazonov, L.A.; Ratov, A.N.; Ratova, T.G.

ORG: Institute of Catalysis, SO AN SSSR (Institut kataliza SO AN SSSR)

TITLE: Isotopic exchange¹⁹ of oxygen on neodymium oxide in various crystalline forms

SOURCE: Kinetika i kataliz, v. 6, no. 5, 1965, 836-841

TOPIC TAGS: isotope, oxygen²⁷, neodymium²⁷ compound

ABSTRACT: The mobility of the oxygen of neodymium oxide in the cubic (C) and hexagonal (A) form and in a mixture of these two forms was studied at 350 — 480°. The isotopic oxygen exchange in the system molecular oxygen-oxide was studied by circulating oxygen containing an excess of the O^{18} isotope. The activation energy of the isotopic exchange reaction was found to be 30 kcal/mole. It was found that the mobility of oxygen in neodymium oxide is independent of the latter's crystalline form. The oxides in forms A, C, and A + C display the same isotopic exchange activity, which depends appreciably on the conditions of their thermal pretreatment. Neodymium oxide heated for 1 hr at 700C in a vacuum was active in the homomolecular exchange of oxygen at 20°, and as the reaction proceeded, a marked drop in activity with time was observed. Authors thank G.K. Boreskov

Card 1/2

UDC 541.127:539.183.2:546.21:546.657-31-44

L 8491-66

ACC NR: AP5026473

and V.S. Muzykantov for their constant interest in the work and their discussion. Orig.
art. has: 6 figures, 3 tables, and 2 formulas.

SUB CODE: 07 / SUBM DATE: 13Apr64 / ORIG REF: 009 / OTHER 002

BVK
Card 2/2

BREGER, A.Kh.; Prinimali uchastiye: KARPOV, V.L., kand.khim.nauk;
BELYNSKIY, V.A.; OSIPOV, V.B., PROKUDIN, S.D.; TYURIKOV, G.S.,
kand.khim.nauk; GOL'DIN, V.A.; RYABUKHIN, Yu.S.; KOROLEV, G.N.;
AFONIN, V.P.; POKROVSKIY, V.S.; KULAKOV, S.I.; LEKAREV, P.V.;
FEDOROVA, T.P.; KOROTKOVA, M.A.; KHARLAMOV, M.T.; NIKOLENKO, G.D.;
LOPUKHIN, A.F.; YEVDOKUNIN, T.F.; KASATKIN, V.M.; RATOV, A.V.

Nuclear radiation sources for radiational-chemical studies.
Probl.fiz.khim. no.1:61-72 '58. (MIRA 15:11)

1. Nauchno-issledovatel'skiy fiziko-khimicheskiy institut
im. Karpova.
(Radiochemistry) (Radioisotopes)

L 07447-67 MPT(1) SCTB DD
ACC NR: AP6035874

SOURCE CODE: UR/0413/66/000/020/0095/0095

INVENTOR: Ratov, I. P.; Devishvili, V. M.

ORG: none

TITLE: A device for recording the dynamics of individual and group activity.
Class 30, No. 187211 [announced by the Central Scientific Research Institute of
Physical Culture (Tsentral'nyy nauchno-issledovatel'skiy institut fizkul'tury)]

SOURCE: Izobreteniya, promyshlennyye obraztzy, tovarnyye znaki, no. 20, 1966, 95

TOPIC TAGS: bioinstrumentation, bioastronautics group dynamics, group activity

ABSTRACT: An Author Certificate has been issued for a device for recording the dynamics of individual and group activity consisting of a multichannel recorder and strain gauge amplifiers and rectifiers, and equipped with a cathode-ray tube for multicoordinate representation of the complex interaction between the programming mechanism and the subjects' responses. The device also has a multicoordinate displacement transducer for recording the small and continuously variable response reactions of subjects. A voltage divider is provided for recording distinct reactions of individual subjects. In order to obtain various program signals in different coordinates, the instrument has a multiple-channel tape recorder. It also has a still or movie camera with synchronized shutter and a step-by-step selector for testing on a single program.

SIG CODE: 06, 14/ SCHEM DATE: 06Jun64/ ATD PRESS: 5104

DOC: 615.47.10.0-07:021:38

L 8491-66 EWT(m)/EWP(t)/EWP(b) DIAAP/IJP(c) JD/JG

ACC NR: AP5026473

SOURCE CODE: UR/0195/65/006/005/0836/0841

AUTHOR: Sazonov, L.A.; Ratov, A.N.; Ratova, T.G.

ORG: Institute of Catalysis, SO AN SSSR (Institut kataliza SO AN SSSR)

TITLE: Isotopic exchange of oxygen on neodymium oxide in various crystalline forms

SOURCE: Kinetika i kataliz, v. 6, no. 5, 1965, 836-841

TOPIC TAGS: isotope, oxygen, neodymium compound

ABSTRACT: The mobility of the oxygen of neodymium oxide in the cubic (C) and hexagonal (A) form and in a mixture of these two forms was studied at 350 — 480°. The isotopic oxygen exchange in the system molecular oxygen-oxide was studied by circulating oxygen containing an excess of the O^{18} isotope. The activation energy of the isotopic exchange reaction was found to be 30 kcal/mole. It was found that the mobility of oxygen in neodymium oxide is independent of the latter's crystalline form. The oxides in forms A, C, and A + C display the same isotopic exchange activity, which depends appreciably on the conditions of their thermal pretreatment. Neodymium oxide heated for 1 hr at 700C in a vacuum was active in the homomolecular exchange of oxygen at 20°, and as the reaction proceeded, a marked drop in activity with time was observed. Authors thank G.K. Boreskov

Card 1/2

UDC 541.127:539.183.2:546.21:546.657-31-44

L 8491-66

ACC NR: AP5028473

and V. S. Muzykantov for their constant interest in the work and their discussion. Orig.
art. has: 6 figures, 3 tables, and 2 formulas.

SUB CODE: 07 / SUBM DATE: 13Apr64 / ORIG REF: 009 / OTHER 002

BVK
Card 2/2

RATOVSKAYA, A.A.

57
 697. Determination of elementary sulphur in petroleum and petroleum products by a polarographic method. R. D. Obolentsov, B. V. Alyazov and A. A. Ratovskaya (Chemistry Dept. Bashkiria. Ural Acad. Sci. USSR). *Zhur. Anal. Khim.*, 1957, 12 (1), 134-138. — In the diffusion current-concentration equation $i_d = Kc$ the value of K for the sulphur wave is constant only for petroleum fractions of similar boiling ranges, and it becomes less as the temp. range for the fraction is increased. It is suggested that the mol. wt. of S may vary in different fractions. The polarographic determination of S is sensitive to from 0.002 to 0.008% by wt. according to the nature of the distillate. Thiols, but not aliphatic sulphides and disulphides, interfere with the determination of S. G. S. SMITH

5
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 4E2c

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DEZYNA, Maria, RATOMSKI, Roman

Critical evaluation of early manifestations of dysplasia of the hip joint. Chir.narz.ruchu 24 no.3:195-204 '59.

1. Z Kliniki Ortopedycznej AM w Poznaniu. Kierownik: prof. dr W. Dega.

(HIP abnorm.)

RATOTI, Beno

Hydrographic delineation on small-scale maps. Geod kart 14 no.2:
108-110 '62.

RATOVSKAYA, A. A., CEBLENSKIY, R. D., AYVONOV, V. B.

"Physicochemical Method for Group Analysis of Sulfur Compounds in Petroleum Distillates" p. 323

Composition and Properties of the High Molecular Weight Fraction of Petroleum; Collection of Papers, Moscow, Izd-vo AN SSSR, 1958. 370pp. (Lena نفت)
2nd Collection of papers publ. by AU Conference, Jan 56, Moscow.

The article discusses existing methods and describes a new method developed from the study of sulfur compounds in ligroin-kerosene-solar petroleum fractions. The method is based on the direct determination of elementary sulfur, and sulfur in mercaptans, sulfides and disulfides, by amperometric, potentiometric, and polarographic analyses. The kerosene fraction from Tuymazy crudes was used in the analysis. There are 4 figures, 7 tables, and 15 references of which 8 are Soviet, and 7 English.

ACCESSION NR: AP4020010

S/0032/64/030/003/0286/0288

AUTHORS: Ratovskaya, A. A.; Kuz'menko, L. A.

TITLE: Photometric determination of furfural in petroleum products

SOURCE: Zavodskaya laboratoriya, v. 30, no. 3, 1964, 286-288

TOPIC TAGS: petroleum, petroleum product, furfural, phloroglucinol, photometric method, FEK N 57 photometer, optical density

ABSTRACT: The determination of furfural was conducted by the phloroglucinol method on 0.15-0.05 gm of the petroleum fraction, the magnitude of the aliquot varying with the expected percentage of furfural, (usually between 1.0-10.0%). The sample was diluted 1:100 with ethanol, and 0.1 or more milliliters of the solution were introduced into glass-stoppered graduate cylinders of 10 ml capacity containing 5 ml of ethanol. To it were added 1.0 ml of 1% alcoholic solution of phloroglucinol, 0.05 ml of 1-normal NaOH, 0.2 ml concentrated ammonia solution containing 5% H₂O₂, and ethanol to the 10-ml mark. After allowing the solution to stand for 30 minutes, its optical density was determined at a wave length of

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ACCESSION NR: AP4020040

413 millimicrons, using an FEK-N-57 spectrophotometer. The overall length of the determination was 40 minutes, and the average error of the method amounted to 2.5%. The method was found useful in application to a wide range of petroleum fractions, including oils, and is already used in the analysis of industrial petroleum products as well as crude naptha. Orig. art. has: 1 formula, 2 charts, and 1 table.

ASSOCIATION: Nauchno-issledovatel'skiy institut neftekhimicheskikh proizvodstv, g. Ufa (Scientific Research Institute of Petroleum Chemical Industries)

SUBMITTED: 00

DATE ACQ: 27Mar64

ENCL: 00

SUB CODE: CH

NO REF SOV: 000

OTHER: 002

Card 2/2

RATOVSKAYA, A.A.; NIZHUTINA, V.M.; IBRAGIMOVA, F.Sh.

Simultaneous determination of carbon, hydrogen, and sulfur in
organic compounds. Khim.sera-i azotorg.sod.v nefte.i nefteprod.
3:149-150 '60. (MIRA 14:6)

1. Bashkirskiy filial AN SSSR, Otdel khimii.
(Carbon—Analysis) (Sulfur—Analysis) (Hydrogen—Analysis)
(Sulfur organic compounds)

S/081/62/000/005/033/112
B151/B101

AUTHORS: Katovskaya, A. A., Bedarev, N. G., Kisilev, B. A.
TITLE: Polarographic determination of elemental sulfur, H_2S ,
mercaptans and sulfides in straight-run distilled gasolines
PERIODICAL: Referativnyi zhurnal. Khimiya, no. 3, 1962, 172, abstract
33167 (Zh. Khim. i prikl. khim., 1962, 35, 172, abstract
y neftyan. i nefteproduktakh. v. 4". M., Gostoptekhnizdat,
1963, 75-81)

TEXT: A polarographic method is developed for the determination of
elemental sulfur, H_2S and mercaptans from one sample using a fast-dripping
 H_2 electrode ($t = 1$ sec. at 1v) with a background of 0.025 N H_2SO_4 in a
mixture of $C_6H_6 - CH_3OH - CH_3COO_3$ (55 : 30 : 15 by volume). There is
also developed a method for determining sulfide S on a Pt anode using
automatic depolarization of the anode (Zh. Khim., 1961, 16H131) with a
background of 0.1N HCl in a mixture of $CH_3OH - n-C_3H_7OH - n-C_5H_{12}$

Card 1/3

S/001/02/000/005/033/112
...3151/3101

Polarographic determination of elemental ...

(10 : 40 : 50 by volume). Elemental S forms a wave with $E_{1/2} = -0.29$ v (relative to a saturated calomel electrode). The height of the wave is proportional to the concentration of the S within a range of $1 \cdot 10^{-2} - 6 \cdot 10^{-4}$ g. The sensitivity of the method is $5 \cdot 10^{-5}$ g. H_2S forms 2 waves, at -0.2 and $+0.15$ v. For a quantitative measurement it is recommended that the first wave be used, since the second is only poorly reproducible. The H_2S and mercaptan waves, when they are both present together, coincide with one another and their separate determination is not always possible, even with derivative polarography. Disulfides, thiophene, aromatic and aliphatic sulfides on a background of 0.025 N H_2SO_4 do not form waves. The aliphatic sulfides, thiophene and its derivatives, on a Pt anode and a background of 0.1 N HCl form reproducible waves at $+0.8 - +0.9$ v. The sensitivity of the determination of S is 0.002 g by weight. It is shown that the method of differential oscillographic polarography (RZhKhim., 1960, no. 2, 4557; 1961, 19624) is applicable to the determination of free S in gasoline

Page 2/3

3/031/62/000/003/033/112

olarag: pnic determination of elemental...B151/3101

herospe fractions. The sensitivity of the method is $1 \cdot 10^{-6}$ % by weight.
In each round one of the following is recommended: 0.04 M.
H₂SO₄ solution in glacial CH₃COOH, 0.05 M. H₂SO₄ solution in CH₃COCH₃,
0.04 M. H₂SO₄ solution in CH₃OH or 0.04 M. CH₃COONH₄ solution in
glacial CH₃COOH. [abstracter's note: complete translation.]

Car: 3/3

S/081/62/000/006/069/117
B149/B108

AUTHORS: Obolentsev, R. D., Timofeyev, V. D., Ratovskaya, A. A.,
Baykova, A. Ya., Rafikova, L. G., Gavrilova, L. D.

TITLE: Group-composition of organic sulfur compounds in petroleum
from the Bashkirskaya ASSR

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 527, abstract
6M135 (Sb. "Khimiya seraorgan. soyedineniy, soderzhashchikh:
ya. v neft'yakh i nefteproduktakh. v. 4", M., Gostoptekhziz-
dat., 1961, 103 - 112)

TEXT: The total sulfur, sulfide and elemental sulfur content of crude
petroleum from various deposits were determined, the former by double
combustion, the two latter by anode polarography with solid electrodes.
In addition, the distribution of organic sulfur compounds according to
fractions with onset of boiling at 120, 120 - 200, 200 - 250, and 250-300°C
from a series of petroleums was studied. The sulfide sulfur in the
fractions was determined by the iodine complex method, the mercaptan
sulfur by the Grimms method. Elemental sulfur was found in only one of
Card 1/2 ✓

S/081/62/000/006/069/117
B149/B108

Group-composition of ...

54 analyzed petroleums (Stolyarovskoye deposit) amounting to 0.0200% its content increases with increasing boiling temperature of the fraction. The sulfide sulfur constitutes 20-40% of the total sulfur content. A considerable amount of mercaptan sulfur was found in the light petroleum products of the Ishimbay deposits (for Terekla Arta petroleum well No. 531 92.5% in the fraction with onset of boiling at 120°C, 85% in the 120-200°C fraction, 63% in the 200 - 250°C fraction and 47.5% in the 250 - 300°C fraction). Mercaptans are practically absent from the fractions of Devonian petroleum of the Shpakovskoye, Serafimovskoye and other deposits, as well as in the North-Western deposits. [Abstracter's note: Complete translation.]

Card 2/2

LEZHNEVA, N.A.; KRUGLOV, E.A.; Primala uchastiye RATOVSAYA, A.A.

Polarographic determination of bicyclic aromatic hydrocarbons
in petroleum products. Khim. i tekhn. topl. i masel 10 no. 11;
58-61 N '65. (MIRA 1921)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimi-
cheskikh protsessov.

KULAKOV, V.N.; VARFOLOMEEV, D.F.; BONDARENKO, M.F.; KOTOVA, V.N.;
AKHMETOV, I.G.; KOLYCHEV, V.M.; NOSAL', G.I.; KIVA, V.N.;
FANKRATOVA, M.F.; KRUGLOV, E.A.; SHEMELEV, A.S.; SHABALIN, I.I.;
SHIRMUKHAMEDOV, O.A.; ISYANOV, I.Ya.; RATOVSKEAYA, A.A.;
VAYSBERG, K.M.

Technology of the production of naphthalene from the refining
products of eastern oils. Nefteper. i neftekhim. no. 4:30-33
'64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut neftekhimicheskikh
proizvodstv i ordena Lenina Ufimskiy neftepererabatyvayushchiy
zavod.

RATOVSKAYA, A.A.; KUZ'MENKO, L.A.

Photometric determination of furfurole in petroleum products.
Zav.lab. 30 no.3:286-288 '64. (MIRA 17:4)

1. Nauchno-issledovatel'skiy institut neftekhimicheskikh
proizvodstv, Ufa.

KALABINA, A.V.; DUBINSKAYA, E.I.; FILIPPOVA, A.Kh.; FRGLOV, Yu.L.;
RATOVSKIY, G.V.

Synthesis of vinyl ethers of nitro- and halonitrophenols. Izv.
vys.ucheb.zav.; khim. i khim.tekh. 7 no.2:232-236 '64.
(MIRA 18:4)

1. Irkutskiy gosudarstvennyy universitet im. A.A.Zhdanova,
kafedra vysokomolekulyarnykh soyedineniy.

RATOVSKIY, N. I.

USSR (600)

Line

Production of pulverized quicklime at the construction site of peat enterprises.
Torf. prom. 29 No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

ALALOV, Aleksey Yefimovich; KOKOMELV, Vasilii Grigor'yevich;
FERROV, Georgiy Yefimovich; RATOVSkiY, Petr Mikhaylovich;
KOGAN, I.L., red.

[Manufacture of diaphragms and bellows from beryllium
bronze] Izgotovlenie membran i sil'fonov iz berillievoi
bronzy. Leningrad, 1964. 17 p. (Leningradskii dom nauchno-
tekhnicheskoi propagandy. Obmen peredovym opytom. Seriya:
Goriachaia i kholodnaia obrabotka metallov davleniem, no.2)
(MIRA 17:7)

KOZLOV, Aleksey Yefremovich; RATOVSKIY, Pinkhus Mendelevich;
KOKOSHEV, Vasilii Grigor'yevich; PETROV, Georgiy
Yefremovich; POSTERNYAK, Ye.F., inzh., red.; TELYASHOV,
R.Kh., red.izd-va; GVIRTIS, V.L., tekhn. red.

[New cutting-tool holding heads for lathes] Novye reztse-
derzhatel'nye golovki k tokarnym stankam. Leningrad,
1963. 12 p. (Leningradskii dom nauchno-tekhnicheskoi pro-
pagandy. Obmen peredovym opytom. Seriya: Mekhanicheskaya
obrabotka metallov, no.15) (MIRA 17:1)

RATOVYL'SKAYA, L. D.

USSR/Minerals - Flotation Process Test Techniques

21 Jul 49

"Evaluating the Flotation Activity of Mineral Surfaces," V. I. Klassen, L. D. Ratovyl'skaya, 3 pp.

"Dok Ak Nauk SSSR" Vol LXVII, No 3

Determined flotation activity of mineral powders by the following method: A bubble is fed from below to the horizontal surface of a layer of powder which is carefully pasted on a glass plate. Then the unit is slowly tilted at a constant rate until the bubble starts to move from the spot. Knowing the displacement of the bubble and the inclination angle of the unit, the pull directed parallel to the surface of the powder layer may be calculated easily. Submitted by Acad P. A. Rebinder 17 May 49.

PA 150T57

RATS A.
KOCHERGIN, G.; CHEREMNYKH, M.; KONONTSEV, I.; MALIOVANOV, D.; MALEVICH, N.;
RATS, A.; LESIK, M.; KHOKHLOVKIN, D.; FEDOTOV, A.

Remarks on the book "Machines and equipment in mining." Vol. 1. "Mining equipment." F.G.Boiko and others. Reviewed by G.Kochergin, M.Chernykh, I.Konontsev, D.Maliovanov, N.Malevich, A.Rats, M.Lesik, D.Khokhlovkin, A.Fedotov. Ugol' 29 no.11:46-48 '54. (MLRA 7:11)

1. Glavnyy mekhanik Upravleniya po stroitel'stvu shakht v Donbasse Pini-sterstva ugol'noy promyshlennosti SSSR (for Kochergin). 2. Glavnyy konstruktor Glavstroymekhanizatsii (for Chernykh). 3. Nachal'nik otdela novykh mashin GUEB (for Konontsev). 4. Direktor instituta Giproshakhtostroy mash (for Maliovanov). 5. Glavnyy inzhener Giproshakhtostroy masha (for Malevich). 6. Nachal'nik otdelov Giproshakhtostroy masha (for Rats, Lesik & Khokhlovkin). 7. Glavnyy konstruktor Giproshakhtostroy masha (for Fedotov).

(Coal--Mining machinery) (Boiko, F.G.)

RATS, A.F.

New drilling machine for coal fields. Ugol' 29 no.3:41-42 Mr '54.
(MLRA 7:3)

1. Giproskhakhtostroy Mash. (Boring machinery)
(Coal-mining machinery)

BUBLIKOV, Yo.V., inzh.; ZELINSKIY, V.M., kand.tekhn.nauk; FEDOROV, S.V.,
starshiy nauchnyy sotrudnik; BUNYAYEVA, A.I., tekhnik; TELEPNEV,
D.Ya., starshiy nauchnyy sotrudnik; RATS, A.E., inzh.; BERKOVICH,
M.A., inzh., glavnyy konstruktor; ZVORYKINA, L.N., red.izd-va;
LOMILINA, L.N., tekhn.red.

[Low-speed winches for mining] Prokhodcheskie tikhokhodnye lebedki.
Moskva, Ugletekhizdat, 1959. 7 p. (MIRA 12:10)

1. Kharkov. Vsesoyuznyy nauchno-issledovatel'skiy institut organi-
zatsii i mekhanizatsii shakhtnogo stroitel'stva. 2. Ukrainskiy
nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii
shakhtnogo stroitel'stva (for Bublikov, Zelinskiy, Fedorov,
Bunyayeva, Telepnev). 3. Tsentral'nyy nauchno-issledovatel'skiy
i proyektno-konstruktorskiy institut podzemnogo i shakhtnogo stroi-
tel'stva (for Rats, Berkovich). 4. Nachal'nik sektora Ukrainskogo
nauchno-issledovatel'skogo instituta organizatsii i mekhanizatsii
shakhtnogo stroitel'stva (for Bublikov). 5. Nachal'nik Otdela gornoy
elektromekhaniki Ukrainskogo nauchno-issledovatel'skogo instituta organizatsii
i mekhanizatsii shakhtnogo stroitel'stva (for Zelinskiy). 6. Nachal'-
nik Otdela gornoy elektromekhaniki Tsentral'nogo nauchno-issledovatel'-
skogo i proyektno-konstrukorskogo instituta podzemnogo i shakhtnogo
stroitel'stva (for Rats).

(Winches)

(Mining machinery)

RATS, E., kand. tekhn. nauk

Special problems in stretching road reinforcements using electric heating. Stroitel' no. 7:21-22 J1 '59. (MIRA 12:10)

1. Zaveduyushchiy laboratoriyey shornyykh zhelezobetonnykh konstruktivnyy Nauchno-issledovatel'skogo instituta Zhelezobetona.
(Prestressed concrete)

RATS, B.G., kand.tekhn.nauk

Precast-monolithic reinforced concrete structures having prestressed
reinforcing elements. Nov.tekh.i pered.op.v stroi. 19 no.10:25-29
0 '57. (MIRA 10:11)

(Prestressed concrete construction)

BATS, Aleksandr Fedorovich; BERKOVICH, Moisey Abramovich; SMIRNOV, L.V..
Redaktor: PRIZOROVSKAYA, V.L., tekhnicheskii redaktor.

[New low-speed mine winches] Nove tikhokhodnye prokhodcheskie
lebedki. Moskva, Ugletekhnizdat, 1955.29 p. (MIRA 9:4)
(Winches)

RATS Emmanuil Genrikhovich, laureat Leninskoy premii, kand. tekhn. nauk; POLUENEVA, V.I., inzh., red.

[Practice of using an electrothermal method of tensioning reinforcements] Opyt primeneniia elektrotermicheskogo metoda natiazheniia armatury. Moskva, Gosstroizdat, 1963. 75 p. (MIRA 17:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Zamestitel' direktora Gosudarstvennogo nauchno-issledovatel'skogo instituta zhelezobetonnykh izdeliy, stroitel'nykh i nerudnykh materialov i zaveduyushchiy laboratoriyey sbornyykh zhelezobetonnykh konstruktsey Gosudarstvennogo nauchno-issledovatel'skogo instituta zhelezobetonnykh izdeliy, stroitel'nykh i nerudnykh materialov (for Rats).

RATS, B.R., inzhener.

Analysis of indices of mechanisation in building. Stroi.prom.34
no.6:37-38 Je '56. (MLBA 9:9)
(Building machinery)

RATS, E.G., kandidat tekhnicheskikh nauk.

Concrete construction elements reinforced with prestressed units.

Bet. 1 shel.-bet. no.3:77-86 Mr '57.

(NLRA 10:4)

(Reinforced concrete)

(Prestressed concrete)

RATS, E.G., kandidat tekhnicheskikh nauk; SHTAYERMAN, M.I., inzhener.

Building silos of precast reinforced concrete. Sbor. mat. o nov.
tekh. y stroi. 17 no.3:14-21 '55. (MLRA 8:5)
(Silos) (Precast concrete construction)

BRAZMA, N., dots.; BRIGMANE, A., st. prepod.; KRASTINS, A., dots.;
RATS, J., st. prepod.; KIKANS, V., red.

[Higher mathematics] Augstaka matematika. [By] N. Brazma un
citi. Riga, Latvijas Valsts izd-ba, 1964. 390 p. [In
Latvian] (MIRA 17:6)

KALEDA, G.A.; MORALEV, V.M.; VORONOV, V.M.; RATS, M.A.

Effect of admixtures on the recrystallization of carbonate rocks.
Trudy MGRI 33:149-158 '58. (MIRA 12:12)
(Carbonates (Mineralogy)--Crystals))

RATS, M.V.

Statistical analysis of the schistosity of terrigenous flysch.
Biol. MOIP. Otd.geol. 37 no.4:138-139 Jl-Ag '62. (MIRA 16:5)
(Flysch)

RATS, M.V.

Statistical-genetic method for studying fracturing. Biul.
MOIP. Otd. geol. 38 no.6:54-64 N-D. '63. (MIRA 17:8)

RATS, M.V.

Mechanical increase of fractures and their connection with earthquakes. Biul. MOIP Otd. geol. 40 no. 6:136-137 N-D '65
(MIRA 19:1)

1. Submitted February 9, 1965.

RATS, M.V.

Origin and some characteristics of the development of "general"
jointing of sedimentary rocks. Biul. MOIP. Otd.geol. 37 no.3:127
My-Je '62. (MIRA 15:10)
(Kazakhstan--Joints (Geology))

RATS, M.V.

Relation between the density of cracks and the thickness of a layer. Dokl.AN SSSR 144 no.3:622-625 My '62. (MIRA 15:5)

1. Vsesoyuznyy institut "Gidroyekt" im. S.Ya.Zhuk. Predstavleno akademikom A.L.Yanshinym.
(Geology, Structural)

BELINSKIY, M.L.; BUT, P.P.; KANTOROVICH, Z.I.; KRYLOV, Yu.V.;
VLADIMIROV, F.F.; ZAYTSEV, B.Z.; KOVEL', I.I.; LESHCHINSKIY,
M.P.; KOTIK, V.G.; LEPEKHIN, S.P.; RATS, F.G.; SERIKOV, S.S.;
KHAYTOVICH, M.S. [deceased]; TSVETKOV, N.Ya.; KULIEV, A.A.,
red.; MATSKIN, L.A., red.; RYABSKIY, N.A., red.

[Handbook on petroleum-pipeline equipment] Spravochnik; obo-
rudovanie magistral'nykh truboprovodov. Moskva, Nedra, 1965.
610 p. (MIRA 18:6)

ABAKUMOVSKIY, D.D.; ANASTAS'IN, V.F.; RATS, P.Ye.; SOKOLOVSKIY, S.M.;
SOLDATOV, K.N.; VRONSKIY, L.N., vedushchiy red.; TROFIMOV, A.V.
tekhn. red.

[New equipment used in the petroleum industry; 1961] Novoe neftiannoe
oborudovanie; 1961 god. Moskva, Gos. nauchno-tekhn. izd-vo nef. i
gorno-toplivnoi lit-ry, 1961. 154 p. (MIRA 14:12)
(Petroleum industry--Equipment and supplies)

RATS, V.G.

PLATE 1: BOB DECATUR 307/467A

1939. 'Overall reactor mechanism' also productive; is of the paraffin
series (utilization of resources in the Machine Building Industry: Practices
of Leading Plants) [Leningrad] Leningrad, 1939. 296 p., 1,000 copies printed.

General M.: A.M. Kocher, Candidate of Technical Sciences; M.: M.S. Chertov.
Tech. M.: I.M. Ziborova.

PURPOSE: This collection of articles is intended for women and technical personnel of the machine-building industry.

CONCLUSIONS. The book contains principal trends in the utilization of unused production capacity of machine building plants and indicative ways to realize these resources. On the basis of examples drawn from the practice of the leading plants of the Leningradship, the authors show how to utilize this unused capacity by applying the following measures: improvement of the processability of constructional materials; replacement of mechanical machining with cold stamping; replacement of the efficiency of existing technological processes and introduction of new ones; and a comprehensive mechanization and automation of the equipment. The problem of utilizing unused capacity in the construction of heavy machinery is dealt with separately. Its personalities are outlined. There are no references.

14710-10-1000 and O.J. Marshall, Managing Mechanical Meeting With Cold
Weather

Mythbusting, I.7c. Reduction of Cycle Time in Mechanical Packaging

Practices of the Stenos: (note) any saved in. Spenders (note: Tool Plus (small Spender) is better for expenditure of Set-Up Time

Regulation, R & D, Efficiency Improvements and Inventions as Important Factors of Increased Capacity

Klymchuk, V.I. Advanced Technological Processes 1982

Big-Leaf Plantation of the Kirovskiy Lapid (Kirov Plant) for Modernizing Equipment

Belinsky, S.D. Increased Production Capacity in Heavy Machinery Constructions 233

ATLANTA: Library of Congress (Z3160.L2)

RATS, V.G.; YAFET, G.M.

Automatic press molding line at the Kirov plant. Lit. proizv.
no.1:12-16 Ja '62. (MIRA 16:8)

(Foundries—Equipment and supplies)

BERZON, I.S.; RATNIKOVA, L.I.; RATS-KHIZGIYA, M.I.

Study of transformed reflected waves in media with weak differential velocities. Izv. AN SSSR. Ser. geofiz. no.9:1293-1306 S '63.
(MIRA 16:10)

1. Institut fiziki Zemli AN SSSR.

ACCESSION NR: AT4002222

S/2702/63/000/013/0003/0014

AUTHOR: Ratnikova, L. I.; Rats-Khizgiya, M. I.

TITLE: Use of transformed [composite] reflected waves in seismic prospecting

SOURCE: USSR. Glavnoye upravleniye geologii i okhrany* nedr. Geofizicheskaya razvedka, no. 13, 1963, 3-14

TOPIC TAGS: seismic prospecting, seismic wave, reflected seismic wave, PS wave, seismic wave interpretation, PS wave interpretation

ABSTRACT: Results of experimental studies indicate that the following advantages can be realized by using transformed [composite] reflected waves in seismic exploration: 1) transformed waves are slower than corresponding longitudinal waves and, therefore, are easier to distinguish from blast spectra; 2) because of the greater curvature of time-distance curves for transformed waves, effective velocities can be determined more accurately than for corresponding longitudinal waves; and 3) transformed waves give an immediate and detailed picture of subsurface geological structures even under difficult geoseismic

Card 1/2

ACCESSION NR: AT4002222

conditions. At present, transformed waves can be recorded to a depth of about 600 m when high-contrast interfaces are present. Standard seismographs used to record longitudinal waves, such as the SS-30-60 and SS-26-51, equipped with SPM geophones, can be used to record transformed reflected waves. Small shot charges (1 kg) are enough to produce sufficiently strong waves. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 26Dec63

ENCL: 00

SUB CODE: AS

NO REF SOV: 009

OTHER: 000

Card 2/2

RATSBAUM, E.A.

RT-168 (Field spectroanalytical laboratory for servicing prospecting parties). Polevaia spektroanaliticheskaiia laboratoriiia dlia obsluzhivaniia poiskovykh partii.
Razvedka Mdr, 10(1): 38-41, 1939.

3 RATSBAUM E.A.		21
PROTECTION OF SAMPLES FROM EJECTION DURING SPECTRUM ANALYSIS. E.A. Ratsbaum. (Zavodskaya Laboratoriya, 1949, vol. 15, Mar., p. 368). (in Russian). A technique is briefly described in which powdered specimens are kept in place in spectrum analysis by preliminary treatment with starch paste.—S.k.		
ASB-11A METALLURGICAL LITERATURE CLASSIFICATION		

WATZBAUM, V. D.

"Experience in Operating the Electrical Equipment of the Farkhad
Hydroelectric Power Plant."

in book- New Developments in the Design of Electric Equipment for Hydro-
electric Power Plants, 1957. 222 p. Moscow-Leningrad, Gosenergoizdat.
(Data on the Conference on Design and Operation, Moscow, 16-24 May
1956.)

RATSCHEV, L., prof.; STATEV, St.; ANTOVA, W.; NEITSCHKEV, Sl.

Staphylococcal infections in infants and children. *Gyermekegygyaszat*
11 no.9:257-261 S '60.

1. A szofiai Egyetemi Gyermekklinika (Igazgato: Prof. L.Ratschev)
es a szofiai Mikrobiologiai Intezet (Igazgato: Doc. Sv.Bardarov)
kozlemeny

(STAPHYLOCOCCAL INFECTIONS in inf & child)

L 07124-67 ENT(1) GW

ACC NR: AN7001049

SOURCE CODE: UR/9003/66/000/213/0003/0003

AUTHOR: Ratsek, V. (Active Member Geographical Society SSSR)

ORG: Geographical Society SSSR (Geograficheskoye obshchestvo SSSR)

TITLE: Wintoring on a glacier

SOURCE: Izvestiya, 09Sep66, p. 3, col. 1

TOPIC TAGS: hydrometeorology, geology

ABSTRACT: Work has begun on construction of a high-mountain glaciological station of the Central Asian Hydrometeorological Institute on the southern slope of the Alay Range at an elevation of 3,800 meters. This will be the country's first permanent glaciological observatory. Its work will include determination of the rate and the characteristics of movement of glaciers, the accumulation of ice and transformation of precipitation. It was by no means simple to find a suitable glacier. This required several months. After prolonged aerial reconnaissance the Abramova glacier was selected. It is easily accessible, and what is most important -- it feeds the Amu-Darya -- the largest river of Central Asia. The research program includes particularly interesting work for determining the thickness of the glaciers. The thicknesses will be determined by drilling from the ice surface and by radar from helicopters. If the air and ground data agree, the new method will come into wide use for determining the ice reserve in the mountains of Central Asia. Next summer a tractor will

Card 1/2

092406683

ACC NR: AN7001049

be delivered to the station. Meanwhile six glaciologists are making ready to spend the first winter on the glacier. [JPRS: 38,230]

SUB CODE: 08, 04 / SUBM DATE: none

Card 2/2 *egh*

3(5)

SOV/12-91-1-15/22

AUTHORS: Ryabchikov, A.M., Skvortsov, Yu.A., Ratsek, V.I.

TITLE: N.L. Korzhenevskiy: In Memoriam (Pamyati Nikolaya Leopoldovicha Korzhenevskogo)

PERIODICAL: Izvestiya Vsesoyuznogo geograficheskogo obshchestva, Vol 91, Nr 1, pp 91-93 (USSR)

ABSTRACT: This is an obituary on Professor N.L. Korzhenevskiy, scientist and explorer of polar regions and Central Asian deserts, Honorary Member of the Geograficheskoye obshchestvo SSSR (USSR Geographical Society) and President of its Uzbek branch, **Corresponding Member** of the Uzbek Academy of Sciences, and Head of the Kafedra fizicheskoy geografii Sredneaziatskogo universiteta im. V.I. Lenina (Department of Physical Geography of the Central Asian University imeni V.I. Lenin)

Card 1/1

RATSEK, V.I.

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